

## LUMINAIRE CLASSIFICATION

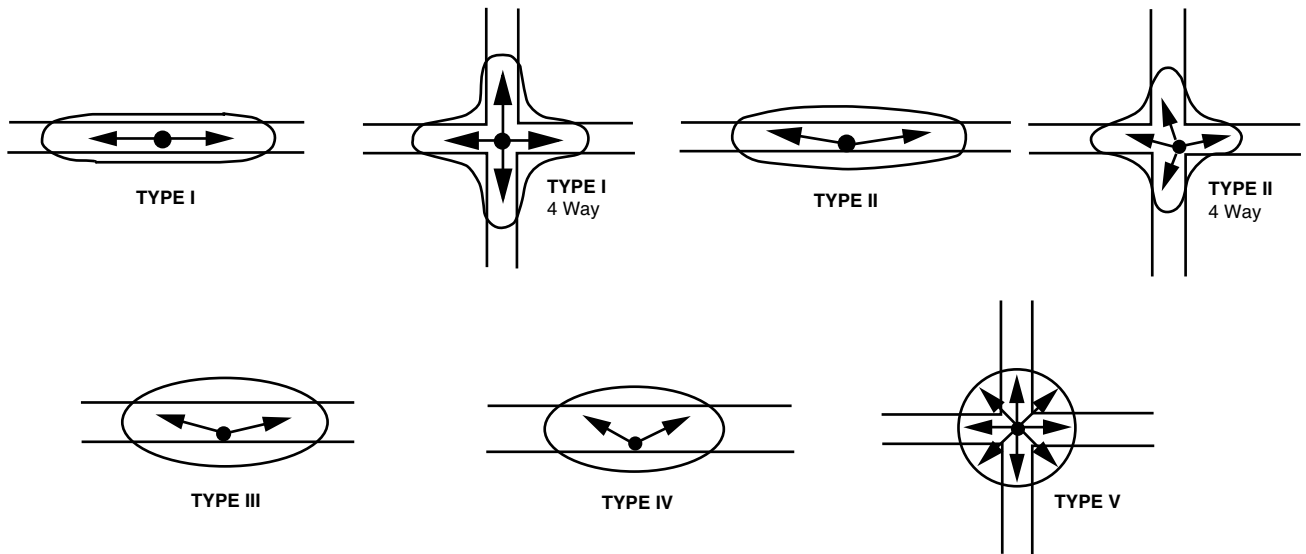
### FLOODLIGHTING CLASSIFICATIONS

The National Electrical Manufacturers Association has established several Type categories for floodlights based on luminaire beamspread.

Asymmetrical beam spreads are indicated by a NEMA Type which shows both the horizontal and the vertical beam spreads in that order.

Beam Spread	NEMA Type
10 to 18°	1
18 to 29°	2
29 to 46°	3
46 to 70°	4
70 to 100°	5
100 to 130°	6
130° and over	7

### AREA LIGHTING CLASSIFICATIONS



Width Classification	Mounted at Pavement	Normally used for:
<b>TYPE I</b>	Center	Roadways up to 2 times the Mounting Hgt. in width
<b>TYPE II</b>	Edge	Up to 1 times the MH for one side mounting Up to 2 times the MH for both side mounting
<b>TYPE III</b>	Edge	Up to 1.5 times the MH for one side mounting Up to 3 times the MH for both side mounting
<b>TYPE IV</b>	Edge	Up to 2 times the MH for one side mounting Up to 4 times the MH for both side mounting
<b>TYPE V</b>	Center	Up to 4 times the MH in total width

Spacing Classification	Normally used for:
<b>Short</b>	Spacings up to 4 times the Mounting Height
<b>Medium</b>	Spacings up to 5 times MH
<b>Long</b>	Spacings up to 5 times MH

Glare Control Classification	Normally used for:
<b>Cutoff</b>	Strict control of light above 80° Vertical
<b>Semi-Cutoff</b>	Medium control of light above 80° Vertical
<b>Non-Cutoff</b>	No control requirements above 80° Vertical